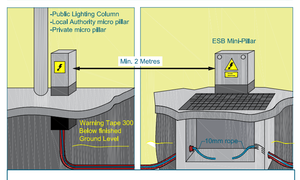
Veelite Metro Streetlight
By Electrical Contractor

PUBLIC LIGHTING

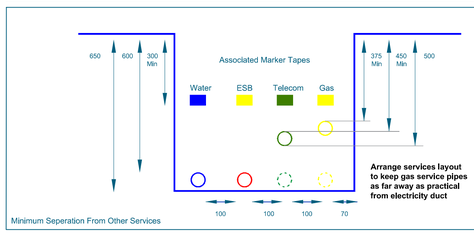


Notes:

Excerpt from the Guidebook for housing schemes. Refer to complete document for all details required

All ESB infrastructure is to be installed in accordance with ESB publication " Guidebook for housing schemes"

Cross-Section of Utility Services Trench within House owners Property showing minimum depth and minimum spacing requirements



Minimum Seperation From Other Services

Luminaire A Data

Type	Veelite Metro Streetlight 19W LED Street Optic R03
Lamp(s)	8LED 3,000K G4
Lamp Flux (klm)	2.25
File Name	5MTA08LGA-R03.ies
Maintenance Factor	0.80
Imax 70,80,90(cd/klm)	537.8 56.5 0.3
No. in project	33

Luminaire B Data

Type	Veelite Metro Streetlight 19W LED Forward Throw A Optic
Lamp(s)	8LED 3,000K G4
Lamp Flux (klm)	2.24
File Name	5MTA08LGA-FTA.ies
Maintenance Factor	0.80
Imax 70,80,90(cd/klm)	401.3 47.0 0.5
No. in project	13

Calculation Summary

Description	Eav	Emax	Emin	Emin/Eav	Emin/Emax	Emax/Eav
Road & Paths	5.52	18.33	1.08	0.20	0.06	3.32

Notes:
1. Do **NOT** scale from this drawing.
2. The actual results achieved may vary from predicted values due to normal deviation in luminaire installation, electrical supply, equipment tolerances, obstructions including poles, brackets and mounting arms, reflectances etc.
3. This design is based on a preliminary assessment only and will be developed during the detailed design stage.

Legend

Symbol	Description
	Luminaire A Column
	Luminaire B Column
	Beam Aiming Target
	Photometric Centre

Rev	Description	Date	Ckd
P5	Planning Issue	24.04.23	RK
P4	Issued for Planning	31.03.23	RK
P3	Issued for Planning	02.02.23	RK
P2	Preliminary Issue	25.01.23	RK
P1	Preliminary Issue	05.01.23	RK

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Client: John Flanagan Developments

Site: Wellwood Tullamore

Title: Public Lighting Calculations Layout
Sheet 1 of 2

Job no: 5251-CCE-XXXX-XX-DR-E01-000140

Approved: BC Checked: RK Drawn: IV
Scale: 1:250
Size: A0

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